

G. C. Henderson Going To Paducah; Bagwell Advances

**Supervisor Of Safety
Department Transfers;
Will Study At K-25**

George Clifford Henderson, Safety Department Supervisor in Y-12, has been transferred to the Carbide plant at Paducah, Ky., and has been succeeded by Lee W. Bagwell, Jr., who has been a safety engineer in the plant for several years, it has been announced by Y-12 Area Superintendent W. D. Lavers. The change was effective April 1.

Henderson will spend from four to six months at the K-25 plant to study and become thoroughly acquainted with the gaseous diffusion process and the safety hazards accompanying that work before actually going to his new post at Paducah.

Henderson was born in Fort Worth, Tex., April 25, 1915, and received his collegiate training at Kansas State University, Manhattan, Kansas, where he majored in chemical engineering. He came to work in Y-12 in December 1943 as a safety inspector after working at the Huntsville, Ala., United States Army Arsenal. He was appointed Safety Department Supervisor September 1, 1949.

Bagwell was born in Parrish, Ala., on May 24, 1908, and specialized in safety engineering instruction at Alabama Polytechnic Institute, Auburn, Ala. He came to work in Y-12 on July 3, 1943, after working at Douglas Dam for the Tennessee Valley Authority and previously for the WPA and other governmental agencies in Alabama in safety work.

Both Henderson and Bagwell are married and live in Oak Ridge. The Hendersons reside at 106 Damascus Lane while the Bagwell home is at 107 West Geneva Lane.

Both men have been active in Oak Ridge civic work and are well known to Y-12 employees.

Instrument Society To Hold Meeting In Ridge Tonight

Y-12 members of the Oak Ridge Section of the Instrument Society of America have been notified of a meeting of the group at 7:30 o'clock tonight, Wednesday, April 4, at the Knights of Columbus Hall. L. Van Blerkom, of the Tagliabue Division of the Weston Electrical Instrument Corporation, will speak at the session. His topic will be "Some New Developments in Instrumentation."

Dr. Pryce Of Princeton Will Be Seminar Speaker

A Princeton University scientist, Dr. M. H. L. Pryce, will be the speaker at the weekly meeting of the Oak Ridge Physics Seminar this week. The meeting will be held at 4 o'clock Friday afternoon, April 6, in the East Lounge of the Ridge Recreation Hall.

Dr. Pryce's subject will be "Recent Developments in Paramagnetic Resonance."



George Clifford Henderson



Lee W. Bagwell, Jr.

Tickets For Beta Sigma Dance Can Be Bought From Y-12ers

Y-12ers wishing to attend the dance to be given Saturday night, April 7, by the three chapters of the Beta Sigma sorority in Oak Ridge are urged to purchase their tickets and make reservations early. By so doing delays can be avoided and money saved as tickets bought in advance may be obtained for only \$1.25 per person as against \$1.50 per person at the doors of the Oak Terrace ball room Saturday night. Dancing hours are from 9 p. m. to 1 a. m.

Y-12 members of the sorority

14 Y-12 Chemists Will Attend Two Meetings Of ACS

**Society Is Dividing
Spring Sessions At
Boston And Cleveland**

A total of 14 Y-12ers will attend the two sessions of the Spring Divided Meeting of the American Chemical Society this week and next week at Boston, Mass., and Cleveland, Ohio.

Division Helps Attendance

The Boston meeting began Monday, April 2, and is scheduled to continue through Friday, April 6. The Cleveland meeting will open next Monday, April 9, and extend through Friday, April 13. The ACS divided the usual one big spring meeting into the two divisions to facilitate attendance by members from different sections of the country. A general program will be presented at each meeting.

Attending the Boston meeting are Robert Rowan, Analytical Chemistry Division; Lyle G. Overholser, D. W. Kuhn and George B. Marrow, Materials Chemistry Division; and Walter J. Skrala and John G. Burr, both of the Electromagnetic Research Division.

Planning to attend the Cleveland meeting are C. J. Barton, F. J. Hurst, Keith Brown, George J. Nettle and Warren Grimes, of the Materials Chemistry Division; J. C. White and J. W. Robinson, Analytical Chemistry Division; and Arthur Weinberger, of the Electromagnetic Research Division.

Dr. Willard To Be Honored
A feature of the Cleveland meeting of the ACS will be presentation to Dr. H. H. Willard, consultant for Carbide units in Oak Ridge on analytical chemistry, of the Fisher Award. This honor is one of the highest bestowed on a scientist for the advancement of analytical chemistry in the world.

Selling tickets are Patricia Loy, Bldg. 9201-3, telephone 7745; and Ruth Williams, Bldg. 9704-1, telephone 7707. Other Y-12 women who are members of the sorority include Lucille Whitman, chairman of the dance committee; Mary Long, Mabel Tyer, Helen Matthews and Juanita Fugate.

Don't Turn This Spring Into A Bad Fall While House Cleaning; Hazards Of Homes Are Pointed Out As Cleanup Week Approaches

Now that spring is here—officially at least—the thoughts of many housewives turn to house cleaning. House cleaning presents both hard work and hazards—so here is some information on how to make the chore safer to perform that should be followed by all Y-12ers—men and women—who feel the urge to polish up their homes.

Aware of this annual urge to make premises spic and span for the coming summer months and the rest of the year, Clean-Up Week will be observed in Oak Ridge April 14-23, with Roane-Anderson Co. and the Oak Ridge Safety Council cooperating with residents in efforts to make the move a complete success.

Home accidents are on the

march during the spring months. Studies made recently by the American Mutual Liability Insurance Co., show the need for more than usual caution on the part of family members, if they are to escape injury from falls, burns, electric shocks and a host of other hazards that lurk around the average home.

Feminine members of the household are particularly cautioned about the greater chances for injury which result from spring house cleaning activities such as rearranging closets and storage space, removing unwanted articles and rubbish, cleaning curtains, windows, draperies, walls, ceilings and woodwork. Any of these chores can and do provide a great num-

Clean-Up Week Observance In Y-12 To Stress Safety And Improvement Of Looks

**Coordinators Will Meet Thursday Morning To Plan
Campaign; Superintendent Lavers Points Out Need
For Move To Eliminate Hazards From Plant Area**

With the dual objective of improving the appearance of the Y-12 premises and also making the plant area a safer place in which to work, the week of April 16-22 will be observed as Spring Clean-Up Week in the Y-12 plant area. The date has been set to coincide with similar campaigns in other Carbide installations and the city of Oak Ridge.

Color Slide Contest Set By Camera Club

"Children" will be the subject of a color slide contest to be held by the Carbide Camera Club in connection with its next meeting to be held at 7:30 o'clock next Tuesday night, April 10. The meeting will be held in club headquarters in the Y-12 East Portal building.

Members submitting entries will be limited to four slides each. All entries from Y-12 members must be submitted to Frank Gordon, of Y-12, vice president of the club, Bldg. 9704-3 in the plant or at his home address, 114 Vista Road, not later than Saturday night, April 7.

R. J. Gray, metallographer with the metallurgy division of the Oak Ridge National Laboratory, will be the speaker for the meeting. His topic will be "The Use of Photography in Metallurgy."

Gray has won first prize in metallography each year since 1946, except in 1948, at annual metal shows and contests held by the American Society of Metals. In 1948 he was ineligible to compete because he was appointed on the judging committee for the contests. Some of his photomicrographs have been exhibited in the Smithsonian Institute, Washington, D. C., in an exhibit of science photographs held there in 1947.

A HINT TO RUSSIA

The Detroit News says that the United States government intends to make an effort to let the general idea leak out to Russia that atomic weapons recently tested in Nevada are "terrible."

"Our fire and safety record so far in 1951 indicates a need for a general clean-up campaign to rid the plant of many hazards that are conducive to fires and accidents as well as a means of eliminating unsightly conditions," Y-12 Area Superintendent W. D. Lavers says in a plant bulletin circulated to all employees.

"All employees are to be commended for their wholehearted participation in similar campaigns in past years," Superintendent Lavers said. "This cooperation has paid off in excellent fire and safety records. Let us put forth a special effort to carry out an aggressive clean-up campaign during Spring Clean-Up Week. A clean place to work is a safe place to work."

To coordinate all phases of the campaign throughout the plant the fire, safety and security coordinators will meet at 10 o'clock tomorrow morning, Thursday, April 5, at Fire Department Headquarters on First St. The coordinators will work with division and departmental safety committees to carry out the program approved by the Y-12 Policy Committee.

To Cover Entire Plant

The program provides for a thorough cleaning of the entire plant area—both inside and outside of buildings. The campaign will extend from laboratories to shops and calls for a liberal use of "elbow grease" in disposing of all accumulated trash and unneeded materials.

In the past the Y-12 Spring Clean-Up Week observance has achieved gratifying results with numerous inspections being made in all departments before and after the special week with reports and suggestions on improvements to be made compiled by the various departmental and divisional committees.

Spirit Covers Entire City

The spirit of cleaning up for spring will blanket all of Oak Ridge with the Roane-Anderson Co. cooperating with the Oak Ridge Safety Council in aiding all citizens of the community.

Roane-Anderson has issued a
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SAFETY SCOREBOARD

Your Plant Has
Operated

40 Days

Without A Lost Time
Accident

Through April 1

Continued on Page 4

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Army, Marine Y-12 Reservists Are Called



C. E. Davis W. R. McClellan

Two Y-12ers who served their nation well during World War II and in post war service in the Army and Marine Corps and later joined reserve organizations of their branches of service have been called back into uniform. They are Charles Edward Davis, of the Guard Department; and Wayne Randolph McClellan, of the Chemical Department.

Davis Is Army Captain

Davis, a captain in the Air Force; will report at Fort Bragg, N. C., April 4, for duty with the famed 82nd Airborne Division, his old wartime outfit. McClellan, a private first class in the Marines, will report for duty at Parris Island, S. C., on April 6.

Davis, a native of Glade Springs, Va., is 35 years old and came to work in Y-12 on May 5, 1950. He is a graduate of the Saltville, Va., High School and his wife is Mrs. Evelyn Davis, of Saltville.

He entered service in June 1942 after being employed as a guard with the Tennessee Valley Authority. After attending Officers' Candidate School he won a commission at Fort Benning, Ga., where he received training in glider and parachute schools. His overseas service included 18 months of combat in the Philippines and in New Guinea where he won the bronze star with an oak leaf cluster, the air medal and the combat infantry badge. He finally was discharged in 1946.

McClellan Served Three Years

McClellan had three years of service with the Marines in Washington, D. C., from March 1947 to March 1950. During that time he was operator of a fingerprint identification machine for the Corps and took special training at the Marine Corps Institute.

McClellan is 21 years old and was born in Gate City, Va. He came to work in Y-12 on April 24, 1950.



The following Y-12 employees were patients last week in the Oak Ridge Hospital: Arthur J. Baer and Ernest W. Palmer, Field Maintenance; Edward G. Gardner and Ralph F. Graham, Maintenance Shops; Mary L. Brewer, Analytical Laboratory; Robert M. Mason, Product Chemical; Jeane M. Wanamaker, Plant Records; Carl Cody, Building and Grounds; and Dr. Charles R. Sullivan, Medical.



D. W. Kuhn, of the Materials Chemistry Division, visited his relatives in Albany, N. Y., while on vacation last week. . . . The division had its consultant, Dr. D. G. Hill, from Duke University, visiting with them a few days last week. . . . Congratulations are extended to **George Peterson**, and his wife, Gloria, a former Y-12er, who became the proud parents of a baby boy March 29, at the Oak Ridge Hospital—**George** is vacationing at home in Clinton this week to get things in order for the new arrival.

Dr. C. E. Normand, of the Isotope Research Department, and Mrs. Normand had as guests over the Easter week end Sgt. Jim Daley, Pfc. Bob Trissel and their son Tom Normand, all of Parris Island Marine Base, S. C. Also home for the week end was another son, Charles Normand, a student at the University of Chattanooga.

W. A. Burns, of the Analytical Laboratory, joined the Easter paraders very proudly Sunday! And no wonder!!! The Easter Bunny brought him a brand-new grandson, William Michael, who is also Bill's very first grandchild. Equally proud are the baby's parents, Mr. and Mrs. B. W. Rea, of Oak Ridge. — — — Congratulations to "Gramps" and to Mon and Dad. . . . **Mary Brewer** reported to work as usual on Monday, March 29, but was taken to the Oak Ridge Hospital. Mary was hit rather hard a few weeks ago with a bad case of flu and had not quite recovered from her first attack when she developed another. The entire department wishes you a speedy recovery, Mary! . . . Y 2/C Clifford Brogan visited his sister, **Daisy Ward**, recently. Y 2/C Brogan is stationed in San Diego, Cal. . . . The department takes this opportunity to welcome **Betty Cecil**, **Peggy Reeves** and **William Moehl** to its ranks. . . . There's no place like home! And that was the thought that prompted **Betty Cecil** to go to Johnson City during Easter week end to visit with her parents, Mr. and Mrs. E. A. Cecil. . . . **Nancy Shobe** took advantage of her four-day break to visit her folks in Dresden, Tenn. . . . **A. J. Holmes** is back on the job having recuperated from the minor injuries received in an automobile accident recently.

M. B. Helton, of Research Engineering, spent last week vacationing at home in Knoxville. . . . The department extends get well wishes to **Jean Wanamaker** who is on the sick list.

R. B. Tippy, of the Manufacturing Office, spent a two-week vacation in California. . . . Folks in the department extend get well wishes to **R. J. Barron** and to **Pearl Patty**, who are both on the sick list.

J. H. Shoemaker, of the Guard

Department, was on vacation at home last week. . . . **L. R. Slansberry** is off on a two-week vacation.

Mike Getsi, of Electrical Maintenance, vacationed last week in Oak Ridge and spent a few days in Atlanta, Ga. . . . The following in the department welcome **H. D. Boggess** back after a recent illness. . . . **R. H. Freeman**, **C. R. Eastland** and **William Hinkelman** are on the sick list. The department wishes them a speedy recovery.

The General Maintenance Office wishes speedy recovery to **Helen Stone**, who has the flu; and to **F. N. Gallagher**, who is ill. . . . The department welcomes **Wanda Sadler** and **Ed Mayens** to the roster.

The Property Department is sorry to lose **Clyde Ferrell**, who has decided to take on the full-time job of house keeping. Good luck Clyde!

The Chemical Department extends get well wishes to **W. T. McGee** and to **X. D. Raines**. They also welcome **R. H. Young** back to work after his recent illness. **Lee Pruitt** was called home to Portersville, Calif., last week because of the illness of his mother. The department wishes her a speedy recovery.

L. L. Kilgore, of the Steam Plant, is vacationing for two weeks at his home in Oliver Springs; he plans to divide his time between farming and fishing. . . . **K. E. Nichols** also plans to work on his farm and do some fishing in his spare time while vacationing for two weeks at home in Lake City. . . . The department extends sympathy to **Henry Jones** over the recent death of his grandmother in Roanoke, Va.

Sue English, of the Plant Records Department, spent the week end with her parents in Dayton, Ohio. . . . **Dorothy Conner** spent Easter Sunday in Chattanooga with her mother. . . . **Phyllis Finneran** had her sister Joan, from St. Paul, Minn., and a friend, Helen Shetter, from Minneapolis, Minn., visiting her in Oak Ridge, last week.

The Plant Engineering Department welcomes three new employees to the roster. They are: **Kenneth D. Cook**, **J. H. Boyd, Jr.**, and **J. R. Hill**. . . . The department extends congratulations to Mr. and Mrs. **Larry F. Koontz**, who became the proud parents of a baby girl on March 27, at the Oak Ridge Hospital.

The Medical Department extends get well wishes to **Dr. C. R. Sullivan, Jr.**, who is in the Oak Ridge Hospital; and to **Blanche Gibbs**, who is ill with the flu. . . . **Barbara Jackson** spent the week end with her folks in Murfreesboro, Tenn. . . . **Virginia Smith** journeyed up to Dante, Va., to be with her parents over the week end.

Lillian Hamlet, of the Laundry,



Y-12 Photo By Vince Moore
A NUMBER OF WIVES OF Y-12ERS WERE AMONG THE guests at a luncheon given by Mrs. John Price on March 17 at her home honoring her sister, Miss Virginia Deakins, who is to be married in Johnson City April 14. Guests pictured from left are Miss Irene Deakins, Mrs. Claude Messamare, Mrs. John McCarthy, Mrs. Fletcher Daley, Miss Deakins, the honoree; Mrs. W. S. Heron, Mrs. F. V. Tilson and Mrs. H. A. Quinn. Mrs. Price is standing.



A MEMBERSHIP MEETING OF THE PENGUIN CLUB COMPOSED OF Oak Ridge High School girls is shown above. In the first row are Shirley Hurt, Jean Stephenson, Anna Clare Williams, Joan Collins and Patsy Miracle. In the second row are Nancy Montgomery, Nancy Fritz, Sarah Culbert, Babs Hopkins, Carolyn McKenzie and Joan Upchurch. In the third row are Nancy Dysert, Betty Stinson, Sonia Bergan and Patty Wilson. In the fourth row are Nancy Bryan, Peggy Bugg, Bobbie Howe, Carolyn Carey, Nancy Blackiston, Barbara Little and Marsha Murphy. Libby Bond was not present when picture was made. Misses Hopkins, McKenzie, Upchurch, Wilson and Carey are daughters of present or former Y-12ers.



Y-12 Photos By Vince Moore
PICTURED ABOVE ARE officers of the Penguin Club. From left are Bobbie Howe, vice president; Nancy Blackiston, treasurer; Carolyn Carey, secretary; and Marsha Murphy, president.

Y-12ers' Daughters Among 'Teen-Agers In Penguin Club

One of the most active student organizations at the Oak Ridge High School is the Penguin Club, composed of 'teen-age girls, several of whom are daughters of Y-12ers or former employees here. The organization is not sponsored by the school.

Activities of the young ladies include a spring formal dance, summer outings, teas and other social functions. They also support charitable campaigns and many of them work at the Christmas Bureau and contribute to such movements as the Community Chest and Mercy Fund.

The club's own fund raising is done through "bake" sales with the girls themselves usually baking cakes and cooking other articles for sale.

Members of the club whose parents have Y-12 connections include Carolyn Carey, daughter of Mrs. L. M. Carey, secretary of the club; Barbara Hopkins, daughter of William M. Hopkins, Plant Engineering; Joan Upchurch, stepdaughter of M. R. Skidmore, Isotope Research and Production; Patty Wilson, daughter of L. E. Wilson, Research Engineering; and Carolyn McKenzie, daughter of T. A. McKenzie, former Superintendent of Plant Protection, recently transferred to the Paducah Carbide project.

Hat Covers For Raincoats Distributed To Y-12 Men

The Y-12 Safety Department has completed distribution of those belated-in-arrival hat covers for men's raincoats in the last batch of personal safety awards. Through an error on part of the manufacturer of the garments the hat covers did not accompany the raincoats and had to be obtained later. A total of 289 employees chose the raincoats as their selection in the safety awards.



Only one Y-12 employee was listed as a parent of babies born in the Oak Ridge Hospital last week. He was Lawrence F. Koontz, Plant Engineering, who became father of a baby girl born March 27.

If you care to keep working — keep working with care.

REDS PLAY 'VOODOO'

Moscow trained Africans, dispatches to New York papers declare, are playing on the superstitions of natives working in the uranium mines of the Belgian Congo as a sabotage measure.

FRENCH SEEK SECURITY

The New York Times has reported that the French Atomic Energy Commission has been thoroughly overhauled for security reasons.

Monday Deadline For Listing Teams In Y-12 Golf Loop

With the law of averages giving hope for favorable golf weather after several weeks of rain and snow, the Y-12 golfers should be in good form for the start of the 1951 season on April 16. The league membership is still open for new teams and will remain so until noon April 9.

Ward Foster, the newly elected president of the Y-12 Golf League, expressed hope for a highly successful season and urges all interested Y-12ers to form teams and enter them in the league by sending the names, addresses and telephone numbers of the six team members to the Recreation Office, North Portal, or telephone 7753. All entries must be in by next Monday.

Scoring for league play will be on a handicap basis, with last year's golfers carrying their 1950 handicap for the first three matches. New golfers will receive a handicap after three matches based on 70 per cent of the difference between their average and par. Handicaps will be decided on the individual's medal score for the first three games. Team scoring for matches will be based on the reverse cross-country system of one point for first, two for second, etc.

Persons who, because of working hours, are not able to participate in team play, are welcome to join ladder play. They may do so by notifying the Recreation office personally or by telephone.

Angele Is Elected ORPS Commander; Succeeds Tunnell

G. J. Angele, of the Y-12 Plant Engineering Department, was elected commander of the Oak Ridge Power Squadron last Friday night. He has been acting commander for several months, succeeding W. C. Tunnell, also of Y-12. Tunnell was elected to the executive committee along with E. D. Shipley, of Y-12; R. M. Batch, former Y-12er and now at K-25; and R. J. Wertz, of K-25.

F. P. Collett was elected lieutenant commander and R. R. Lowry named treasurer. Both are K-25 men as is A. H. Patterson, the new treasurer who is a former Y-12er.

The squadron now is conducting a spring piloting class with members including C. P. Keim, H. C. McBirney and G. W. Mitchel, all of Y-12. It was announced at the meeting last week that the squadron now has 60 members with at least 32 boats, both sail and motor propelled.

Rides Wanted And Offered

RIDE WANTED — From Chapman Highway or Henley St., Knoxville, to Y-12. Straight day shift. Berthie Cowden, telephone 7643.

RIDERS WANTED — Have space for four passengers to and from Y-12 via Solway Road to Western Ave., or up to Main Ave., Knoxville. Rotating Shift, Group 3. John Martinez, telephone 7331.

RIDE WANTED — From Gulf filling station on Clinton Pike near Claxton Community to Y-12 area, straight day shift, six days per week. Andy Huddleston, Bldg. 9739, telephone 7508.

RIDE OFFERED OR WANTED — Ride wanted from Norris to Y-12 East Portal or will take turns in driving own car from Norris. Straight day shift. May Z. Harris, Laundry Department, telephone 7148.

Strikers Hold Edge; Pick Ups Gain Notch

The Strikers of the D League held their lead over the second place team Tuesday, March 27, by winning four points from the Cermets. The Pick Ups moved into second place by winning four from the Splinters. The Angstroms won four from the Isotopes and the Toppers won three from the Old Men.

Charles Brown of the Pick Ups had high scratch and handicap single games of 197 and 227. Bill Burns of the Strikers had a 518 high scratch series and George Marrow of the Angstroms had a 646 handicap series.

The Strikers had the high scratch single game of 830 and the high scratch series of 2400. The Toppers had the high handicap single of 995 and the high handicap series of 2793.

League standing follows:

Team	W	L	Team	W	L
Strikers	34	17	Old Men	25	27
Pick Ups	30	22	Cermets	24	28
Isotopes	27	25	Splinters	20	32
Angstroms	27	25	Toppers	20	32

Obstreperous Orphans Vault To Second Spot

The Orphans of the C League gathered all the team honors for the night and moved into second place behind the Hooks by winning four points from the Hurricanes Wednesday, March 28. The Guards moved to fifth place by taking four from the Thin Pins, the Hornets won three from the Short Circuits and the Hooks split two and two with the Moles.

Scratch honors for the night went to Elmer Green of the Orphans with a single game of 192 and a series of 527. Forrest Seeley of the Moles had the handicap highs with a 231 single game and a 652 series, third high for this half.

The high scores by the Orphans were scratch single 801, handicap single 966, scratch series 2286 and handicap series 2781.

League standing follows:

Team	W	L	Team	W	L
Hooks	40	16	Guards	26	30
Orphans	33	23	Thin Pins	24	32
Short Circuits	31	25	Hurricanes	23	33
Hornets	30	26	Moles	17	39

Evacuation Group Has New Leader; Training Planned

A new leader of the Community Evacuation Organization of the Oak Ridge Disaster Plan has been named and training sessions have been set up for auxiliary police and firemen, it has been announced by George E. Miller, Disaster Plan coordinator for the Office of Community Affairs.

The new leader is Phillip S. Anderson, Oak Ridge business man and veteran resident of the city. He succeeds Thomas G. Clynes, who resigned recently. Anderson is responsible for setting up and operating the evacuation organization, which will include about 1,800 persons when its staff of volunteer workers is completed. The evacuation program is the broadest single unit in the Disaster Plan.

Anderson first came to Oak Ridge as an officer in the Army Corps of Engineers in April, 1943. He was a major when discharged from the service in 1946.

Applications for auxiliary police or fireman training may be obtained at police headquarters or any Oak Ridge fire station by persons wishing to take the course. The work will include 50 hours of instruction spread over a period of nine weeks to give the volunteers training to assist in case of a disaster striking the city. The training includes first aid, Disaster Plan duties, firearms instruction, patrolling, traffic direction, arrest and search of prisoners and fundamentals of criminal law.

Y-12 SPORTS NEWS



6-2497 Y-12 Photo By Vince Moore
Y-12'S VARSITY BOWLING TEAM IN THE OAK RIDGE CITY League is shown above. The team now is in fourth place in the loop and earlier in the season won the Class B championship in the Tennessee State Tournament at Memphis. First row, from left, Frank Gragg, Conrad Roberts and Ernie Cobble. In rear are Elmore Koons, Walt Sherrod and Nelson Tibbatts.

Team Softball Practice For Y-12ers Seen Opening In Three Weeks On Diamonds

Field assignments for the beginning of practice sessions for teams in the Y-12 Area Softball League will be made in about three weeks. The City Recreation Department announced that work on the fields will begin this week.

Several teams have made requests for player contracts. For those who need them, they are available at the Recreation Office, North Portal. They will be mailed to team managers who telephone 7753.

Whitewash Victory By Kemps Gains Top; Cracker Jax Blanked

The Kemps of the W League won three games from the Mix-Ups Tuesday, March 27, to establish themselves in first place. The Woes won three from the Cracker Jax and the Controllers won two from the Hi Balls.

Evelyn "Fiz" Tucker of the Kemps had a 189 scratch single game and a 460 scratch series. Maola Conner of the Hi Balls had a 239 handicap single game, second high for this half. Jean Philippi of the Woes had a 611 handicap series, high for the night.

The Kemps had high scratch series, handicap single and scratch single with scores of 938, 982, and 732. The Woes set a new high in handicap series with a 2839.

League standing follows:

Team	W	L	Team	W	L
Kemps	24	15	Controllers	21	18
Cracker Jax	21	18	Mix-Ups	15	24
Hi Balls	21	18	Woes	15	24

Y-12 Chemical Engineers Asked To Meeting Tonight

All Y-12 members of the Knoxville-Oak Ridge Section of the American Institute of Chemical Engineers and other chemical engineers in the plant are invited to attend a meeting of the section in Knoxville tonight. The meeting will be a dinner at 6:30 p. m. with the business session following at 7:30 p. m. in Room 2 of the S. & W. Cafeteria.

An interesting address by Prof. Robert M. LaForge, teacher of industrial engineering at the University of Tennessee on "Industrial Mobilization" will feature the meeting. He recently completed study on the subject at the industrial college of the Armed Forces, Department of Defense.

Policeman: "How did you happen to knock the pedestrian down?"

Motorist: "I didn't. I pulled up to him, stopped the car to wait for him to pass, and he fainted."

Bums Close Margin On Rippers Pinmen

The Bums of the B League established themselves in second place, three games behind the first place Rippers, by winning four points from Maintenance Thursday, March 29. The Rippers won three from the All Stars, the Wolves won three from the Wasps, the Cubs won three from the Comets, the Bumpers won three from One-91 and the Head Pins won three from the Tigers.

Al Groppe of the Rippers had the high scratch game with a 216 and he tied with John Reece of the Comets for the high handicap game of 241. Roy Roberts of the Comets had the high scratch series, second high for this third of league play, with a 583. Conrad Roberts of the Wolves had a 636 high handicap series.

The Rippers had team highs in single games and scratch series with a scratch single of 912, a handicap single of 1931 and a scratch series of 2530. The Bums had the high handicap series with 2904.

League standing follows:

Team	W	L	Team	W	L
Rippers	23	5	Wasps	13	15
Bums	20	8	Tigers	11	17
Wolves	19	9	Bumpers	11	17
All Stars	16	12	One-91	10	18
Comets	14	14	Head Pins	10	18
Cubs	14	14	Maintenance	7	21

Chorus Seeks New Members; Next Rehearsal On April 11

The Oak Ridge Community Chorus, containing several Y-12ers, will resume its regular Monday night rehearsal sessions on Monday night, April 16, after postponing the scheduled April 9 meeting because of a concert by the Oak Ridge Symphony Orchestra on that date. The rehearsal next week will be held Wednesday, April 11, at 7:30 p. m. in the small auditorium of the Jefferson Junior High School. Subsequent meetings will be held at the same hour and place.

According to Jeanne Rogers, of Y-12, secretary of the chorus, new members are being sought by the organization and any Y-12 employee wishing an audition may obtain it at one of the weekly rehearsal meetings. The chorus now is preparing for its next concert, set for May 7 at the high school auditorium.

Keglers Of Y-12 Split Even With Roane-Anderson Team

The Y-12 keggers of the Oak Ridge City League split two and two with the Roane-Anderson bowlers Monday, March 26. The Y-12ers won the last two games, giving the first game and total pins to Roane-Anderson. The line scores for Y-12 were 841, 848, 799—2483; for Roane-Anderson 904, 822, 787—2513.

Frank Gragg was high for Y-12 with 192, 161, 192—545; following him were Ernie Cobble 200, 152, 171—523; Conrad Roberts 168, 170, 165—503; Nelson Tibbatts 166, 180, 141—487; and Elmore Koons 115, 185, 130—430.

K-25 Carbons Conk Cuemen Of Y-12

The Y-12 team of the Atomic Pocket Billiard League lost four points to the first place K-25 Carbons to drop into third place Sunday, April 1. M. C. Wiest of Y-12 had the high run for the night with 18. The K-25 Carbides won five from the ORNL team by forfeit.

The next meeting of the league Sunday, April 8, will bring K-25 Carbons against the Carbides, with Y-12 going against the ORNL team.

Keglerettes Of Y-12 Divide Two Contests During Week

The Y-12 bowlers in the Oak Ridge City League had an up and down time last week when they lost three games to Roane-Anderson Sunday, March 25, and came back Thursday, March 29, to win three from the Reeder Motors team.

The line scores for Sunday were Y-12 668, 662, 672-2002; for Roane-Anderson 706, 828, 730-2264. Olyne Kappelmann was high for the night with 439, she was followed by Nancy Garrison 417, Juanita Reed 406, Oradean Upchurch 353 and Mary Brewer 333.

Thursday scores were Y-12 736, 722, 758-2216; Reeder Motors 713, 719, 744-2176. Oradean Upchurch had a 479 high series followed by Olyne Kappelmann 447, Katie Williams 437, Juanita Reed 420 and Ruth Law 363.

Hobbyhorse Gallops Under New Patent

A galloping hobbyhorse invented by Mrs. Paul Cokins, of Huron, S. D., may give poor father a rest—if he is one of those who can't resist a youngster's plea for a "horsie-back ride," according to the National Patent Council.

The galloping hobbyhorse is a tricycle with a lifelike horse body that, when pedaled across a room, will lift its feet up and down in perfect timing to each step taken, trotting or galloping at the rider's command. A bar through the neck steers the horse right, left, forward or backward. Pulling on the reins makes the horse's head bob up and down.

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Research In Y-12 Stable Isotope Program Forms Basis Of Papers For APS Meeting

Covering a wide variety of topics in physics, the five papers to be presented by Y-12 scientists at the 17th annual meeting of the Southeastern Section of the American Physical Society in Chattanooga Thursday, Friday and Saturday of this week all are based on research in the field of stable isotopes in the Isotope Research and Production Division of the plant. On the program from Y-12 are J. Rand McNally, Jr., William R. Rathkamp, J. R. Sites, C. E. Normand and Russell Baldock.

New Problems Are Presented

New research problems in atomic spectroscopy have been presented by the availability of separated natural and radioactive isotopes, McNally will point out in his paper "Spectroscopic Research With Isotopes." His paper will declare that hyperfine studies of such isotopes lead to information on mechanical, magnetic and electric moments of the nucleus while isotope spectrum displacements, especially for the heavy elements, give information on the optical electron configurations. He will discuss his studies on isotopes of lithium, samarium, mercury, thorium and uranium.

Rathkamp's paper, "A Continuous Indicating Magnetic Flux Meter," will describe how, when an alternating current is passed through a conductor in a magnetic field, a small vibration with an amplitude proportional to the field of strength will result. By measuring the amplitude of this vibration electrically, an output signal can be obtained proportional either to the first or second power of the magnetic field strength, the paper points out. Rathkamp, who will be introduced by Sites, will describe the construction and operational details of the meter.

Gasket Materials Discussed

"Evaluation of Vacuum Gasket Materials" will be discussed by Normand and Rathkamp in a paper prepared jointly and they will be introduced by Baldock. The paper points out that a number of vacuum gasket materials were given a qualitative vapor pressure rating by pumping on samples with a high vacuum system or low pumping speed and plotting ion gage pressure against them. The results of these tests will be given.

Mass spectrometer studies will be the topic of two papers prepared by Sites and Baldock. The first is entitled "Mass Spectrometer Studies of the Dissociation of Some Metal Carbonyls," in which data will be presented on the dissociation properties of several metal carbonyls as presented in studies by means of the mass spectrometer on ionization and dissociation properties of a number of compounds proposed for use in the production of positive ions by an electric arc operating in a magnetic field. The other paper, "Ionization and Dissociation Studies by Means of a Mass Spectrometer," will present data on mass fragments produced by slow electron bombardment of various compounds.

Many Carbiders On Program

Scientists from all three Carbide units in Oak Ridge will be prominent on the program. Two Oak Ridge National Laboratory scientists, Dr. E. C. Campbell and Dr.

C. G. Shull, will present invited papers at the meeting and Dr. Arthur H. Snell, also of ORNL, will preside at one session of the meeting. Dr. Dixon Callahan, also of Y-12, is secretary of the section.

A total of 65 papers will be presented during the three-day meeting by scientists from universities throughout the South and also the Naval Research Laboratory. About 200 members of the organization are expected to attend the meeting.

Credit Union Closes Office Until April 9

Because of the overwhelming amount of bookkeeping and record keeping piling up in the office of the Y-12 Employees Credit Union, second floor, Bldg. 9704-2, will be closed until Monday, April 9, officers of the organization have announced. The rapid growth of the credit union during the past few weeks has resulted in Treasurer C. A. Cooper and Mrs. Lorena Causey, office manager, being swamped with work as more and more Y-12ers become share holders through investment or by borrowing from the organization.

Some time during April the credit union expects to receive a new Burroughs bookkeeping machine and other equipment to facilitate and expedite record keeping of the organization. The credit union also has employed Mary Jane Stanton as clerk to assist Mrs. Causey.

As a result of the work congestion, the quarterly statement of business transacted by the credit union during the first three months of the year is expected to be delivered by shareholders and borrowers of the organization some time the latter part of April.

Don't Turn This Spring Into Bad Fall At Home

Continued from Page 1

Inspect each room to be cleaned to make sure there are no protruding nails, splintered woodwork and similar defects which may cause injury. (5) Avoid overwork and excessive fatigue. **Watch For Loose Objects**

Use only approved step-ladders for reaching high places such as walls, ceilings, and shelves. A chair or bench is a dangerous substitute. Keep a wary eye on scatter rugs and loose objects left lying about the rooms or on stairways. They may cause a bad spill. Avoid breathing dust particles or fumes from cleaning fluid. Keep the house well ventilated.

Do not lean out of upstairs windows to shake out scatter rugs or dry mops. Do not sit upon window sills while cleaning the outside of windows. This should be accomplished from a ladder placed outside the window. Leave it to the man of the house if possible. Avoid carrying bulky objects in such a way that the load obstructs your vision while walking. This is vitally important when going up or down stairs. Avoid lifting or carrying heavy

The Hole Truth

By Evan Means

All this overtime around Y-12 has saved the lives of many a bass and walleye, as well as a few crappie and sauger the past few weeks. Even so, several Y-12ers are catching fish after hours and on Sunday, (except this department).

I seriously doubt the rumor that a casting rod was found in Arnold Tiller's golf bag recently. Tiller denies it and says if true, it was planted by either Nelson Tibbatts or Avery Kendig.

The boys in Bldg. 9709 say that it was some other woman with E. E. Kennedy when he caught that three and one-half pound bass out of Fort Loudon Lake last week. Mrs. K. was busily holding down her job in the Insurance Office. (If Mrs. K. reads this, we're only joking). I assumed that E. E. went fishing after hours, not knowing he was on "B" Shift and knew that if so, he'd never get out without her. Not after she topped him last season with the biggest bass—a three and three-quarter pounder. She's still ahead.

J. L. Titlow got himself another plug, a "Lazy Ike," and became the leading contender in the rough fish division of the Y-12 contest. He was dragging the bottom of Douglas Lake and hooked a 23-pound catfish, which should be some sort of record for rod and reel.

Another fellow, also a machinist, who let the little woman get ahead of him is A. B. Gillis. They braved the elements on March 11 to fish from Hickory Star Dock. Mr. G. didn't do so well but Mrs. Gillis landed a 13-inch bluegill, one of the largest ever taken in this section.

Claude Haws is still teaching Don Cline, of K-25, how to fly-fish for bass. The other week end they fished Norris from Andersonville, with Claude getting his limit while Don creeled two fish.

Remember that vacation card from U. L. Alspaugh last summer? "Haven't caught a fish so far and think I'll get by without it." Well he was recently seen buying a rod and reel. He hasn't caught a fish yet, but now hopes he won't get by without it.

We look for a split soon among the unholy three of the swing shift, Capt. Ray Ledford, G. I. Davis and J. L. Titlow. The boys are getting tired of helping carry Titlow's fish. And the captain resents the boys belittling those pencil-size sauger he catches.

And that's the "hole truth."

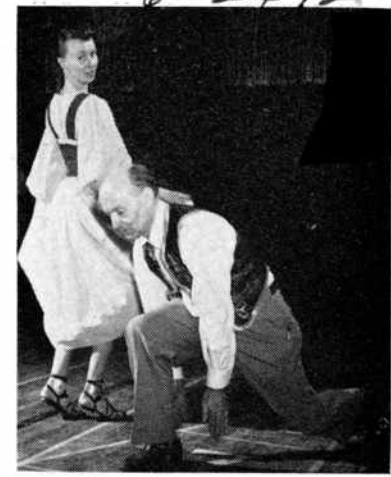
objects that may cause a strain or other injury. Let the men shift the heavier furniture.

Poisons Should Be Checked

Double check all poisons used in the home to make sure they are well labeled and stored safely away from children and against possible accidental use. Store unused flammable articles in closets or attic in the neatest possible manner so as to minimize the danger of fire. Fire hazards are frequently greater while the house is having its spring clean-up. Burn trash only in a safe container, well away from buildings. Use cleaning fluids only outdoors and stick to the non-flammable compounds.

House cleaning activities account for no small percentage of the more than 4,000,000 persons injured annually as the result of accidents in and around the home. Falls, alone, are responsible for at least 40 per cent of these injuries. Don't turn this Spring into a bad Fall!

When using ladders, watch out for its feet as well as your own.



Y-12 Photos By Vince Moore
AT TOP A GROUP OF Y-12ERS AND THEIR WIVES DO A swell job of relaxing in a square dance. They are members of an Oak Ridge square dance group that meets every Tuesday night at the Pine Valley School. From left are Mrs. George Mitchell, Howard C. McGraw, Mrs. C. E. Harris, Don Matlock, C. E. (Fuzz) Harris, Mrs. Howard McGraw, George Mitchell and Mrs. Don Matlock. At left below Mrs. W. M. (Doris) Reynolds, wife of a Y-12er, calls the square dance figures. At lower right are Miss Hilda Stuhmiller and Matthew Wisnowski, of Y-12 and director of the Folk Dance Club of Oak Ridge, presenting the schulplatter dance, an Austrian folk dance. This group meets every Friday night in the East Lounge of the Ridge Recreation Hall. All Y-12ers interested in square dancing or folk dancing are invited to attend the weekly meetings of the groups.

Pvt. Jack Joslin Taking Air Force Radar School Course

Pvt. Jack Joslin, former Y-12er in the Field Maintenance Department, now is taking training in the Air Forces Radar School at Keesler Air Force Base, Biloxi, Miss., according to word received by The Bulletin from the public information office of the base.



Jack Joslin

The school is a part of the large technical school of the Air Force Training Command. The training Private Joslin is receiving in the radar school will extend over a varied period of time, depending on his assignment, 16 weeks of which will be an introduction to the fundamentals and principles of elementary electronics as applied to radar. The second phase of his training will be either in ground radar equipment or airborne radar operation and equipment. The training will qualify him to operate and maintain the Air Force radar equipment.

Private Joslin is the son of Mr. and Mrs. J. R. Joslin, 197 Manhattan Road, Oak Ridge. The elder Joslin also is a Y-12 employee in the Electrical Maintenance Department.

Young Joslin, 21, enlisted in the Air Force in Knoxville, November 13, 1950. He was home on leave in January.

"He was ruined by untold wealth."

"How come?"

"He didn't tell about it in his income tax report."

Good Eating

Recipe Recommended By
Good Housekeeping Magazine

TOMATOED ONIONS

Two pounds peeled small white onions. Five slices bacon. One can condensed tomato soup. One-fourth teaspoon pepper.

Cook onions until tender crisp, then drain. Meanwhile, cut bacon into bits, brown in skillet, drain on paper towel. Heat undiluted soup in small saucepan and add bacon and pepper. Pour heated sauce on onions and serve. Makes about four servings.

Y-12 Clean-Up Week Stresses Safety, Looks

Continued from Page 1

schedule for picking up trash and rubbish removed from homes during the campaign. Any type of rubbish will be picked up by the disposal trucks, but it must be placed adjacent to the street or sidewalk at least one day in advance of the scheduled appearance of the trucks.

Schedule For Pick-Ups

The schedule for the first week of the pick-ups is given below and will be repeated the following week.

April 16—East Drive through Florida Ave.

April 17—Florida Ave. through New York Ave.

April 18—New York Ave. to Illinois Ave., to include Vermont Ave.

April 19—Illinois Ave. to Salem Road, including Garden Apartments.

April 20—Neighborhoods 10 and 11.